

Energy Saving Products is Raising the Bar On SDHV Systems

Energy Saving Products Ltd. released the variable speed mass flow EPC motor to the Hi-Velocity market in 2006, bringing their customer's energy consumption down by as much as 50%. ESP's new HE fan coil, which incorporates the EPC motor, not only provides energy savings, it also gives our customers a greater flexibility with system design. The new HE fan coil, when used with the new RPM-E refrigerant pre-piped cooling module, simplifies unit installations with its multi access design. The RPM-E cooling module was designed to give the builder more options in unit placement, at the same time minimizing the installation time, since the TXV, Site Glass, Freeze Stat and Access Ports are all pre-piped. With the release of the newly designed fan coil and refrigerant cooling coil, Energy Saving Products has developed even more ways to improve upon our products, while saving our customers money. We are now proud to introduce the new Hi-Velocity HE Flexible Ducting system.

The HE Ducting System is designed as a direct replacement for the standard 2" ducting system currently used with the Hi-Velocity Systems®. The new HE Ducting has been designed by increasing the inner diameter of the core, thereby allowing twice the amount of air to flow through each vent. As the HE Ducting System is a direct replacement to two 2" outlets, when an area requires multiple outlets, the HE ducting can be used to reduce the total number of duct runs. Previously, an area could have required eight outlets, however with the use of the HE Ducting, you would now only need to use four. Any combination of standard 2" ducting and HE ducting can be used on the same installation, as long as the minimum and maximum outlets selected are in accordance with Energy Saving Products Ltd. recommendations. The HE Ducting translates to 25% saving on materials and as much as 50% on installation costs.

As the Hi-Velocity System® is a sealed system, there is less possibility of contaminants entering the air stream. With "GREENGUARD Indoor Air Quality" certified R4.2 or R8.4 fibreglass insulation, the air is always delivered clean, fresh and quiet.

With the Hi-Velocity system, a complete heat loss/gain is utilized to select the proper fan coil, plenum size and outlet quantities. With a pre-engineered design layout, the Hi-Velocity System will minimize power consumption, while delivering a superior Indoor Air Quality.



2" Flexible
Duct

HE Flexible Duct

Technical notes:

- UL listed: Air duct, Class 1
- Maximum rated velocity: 5000ft/min. and/or 25,4 m/s
- Maximum rated positive pressure: 10 in. W.C. and/or 2,5 Kpa
- Maximum rated negative pressure: 0.5 in. W.C. and/or 0,12 Kpa
- Maximum flame spread: 25
- Maximum smoke developed: 50
- Standard UL 181
- Standard CAN/ULC-S110M

In The Agent Spot Light

Energy Saving Products would like to welcome aboard Andre Remezov and his co-workers of Paneco-Thermo to the Hi-Velocity team.



Left to Right: Vitaliy Grigoriev, Semen Smirnov, Andrey Remezov, Igor Sergeev, Zakladnoy Kirill

Paneco-Thermo is located in Russia and distributes to several of the surrounding areas. They recently attended the HOLZHAUS Wood Builders Show in Moscow and received an award for their display.

Every style of housing was covered from log cabins to the standard two and three bedroom homes. Paneco-Thermo featured Hi-Velocity Mini Duct System and was the only booth that covered the heating and cooling aspects of construction.



New Vent plates with a Snap in Grill

Energy Saving Products has also improved the design of the Vent Plates. The HE Vent Plate has an outside diameter of 5", which is the same outside diameter as the Vent Plates used for the standard 2" flex duct. The new HE Vent Plate, however, is manufactured with a removable grill. For vents in the ceiling or sidewall, many home owners prefer to remove the grill to allow unrestricted air flow to the room. Vent Plates installed in the floor will always utilize the grill to prevent debris from falling into the duct. In the near future, the snap in vent grill will have directional vent air vanes to give the end user more options on how the air is delivered to the room.

Some Personnel Changes at ESP

Sean Prevost has taken on the responsibilities of Training & Technical Support. Being very detail oriented, Sean will take your calls should you have questions pertaining to mechanical, electrical or A/C components of Hi-Velocity Systems, whether you are in your office or on a job site. Also, if you would like to hold a field Training Class, he will travel to your location and act as your host. These classes are generally held for an entire day and require a minimum of two months notice.

Bill MacKenzie is continuing the duties of Estimates & Design. Bill can provide quotes on a Hi-Velocity System and can assist with the equipment layout. He is also available to approve installation changes while you're on the job site. This will give you the comfort of knowing the installation is correct and ensures system operation.

Ryan Stearns has been looking after the Order Desk and Inside Sales position since March. He has extensive experience with our complete product line and will take your calls for purchases, order status and product availability. With his familiarity with Hi-Velocity Systems, Ryan will also answer any questions you have with respect to sales.

While these gentlemen have specific responsibilities, they are more than capable of handling enquires from other departments should the need arise.

We have also bid adieu to Scott Ward, our Marketing Manager who has followed his heart and moved to Calgary Alberta to be closer to his fiancé. At the same time he is launching his own business, Swardsoft Software & Design and we continue to utilize Scott's talents on a contract basis. We wish Scott and Tamra the best of luck in their future.

National Congress & Expo



(John Spamkie attending the booth)

Erni O'Hara and John Spankie manned the Energy Saving Products booth at the National Congress & Expo for Manufactured and Modular Housing in Las Vegas, held from April 10 – 12, 2007. Many of the guests that visited our booth were unfamiliar with a small duct high velocity system and the advantages of using it in manufactured housing. Educating the builders in these markets enables Energy Saving Products to target an industry that has been virtually untouched. The Congress & Expo is held annually in Las Vegas.



Annual Factory Training Seminars

April had us holding our annual Factory Training Seminars, with a combined attendance of 50 people for both dates. The seminars were very informative due to the inception of the HE Fan Coils with an EPC motor, the pre-piped A/C modules and the soon to be available HE Ducting. Interest is very high for all of the new products and excitement is building over the endless possibilities for growth. With the introduction of these products, we remain leaders in the SDHV marketplace. Be on the look out for our always informative Press Releases on what's new.

If you would like to book space at our factory training seminars it is recommended to book early as attendance fills up quickly. Seminars are held in April and October with a maximum size class room of 25 people. If you can't attend the factory training but would like an ESP representative to come to your location, please call and inquire about our on the road training program for more information.

Available Literature

Manuals

Hi-Velocity-HE Booklet/Manual	116.08
Hi-Velocity Installation Manual	103.04
Hi-Velocity Design Manual	104.03
R Series Cooling Modules Manual	105.03

Brochures

Hi-Velocity Standard	101.05
Hi-Velocity Builders	102.05
Hi-Velocity Features & Benefits	110.05
Hi-Velocity Explained	214.01
Hi-Velocity End User Brochure	215.02

Multimedia

CD Product Catalog (Includes Installation Video)	120.06
Promotional Video	122.01

All of the above literature can be viewed at www.hi-velocity.com, ordered online or through our Marketing & Literature Department at 1-888-652-2219